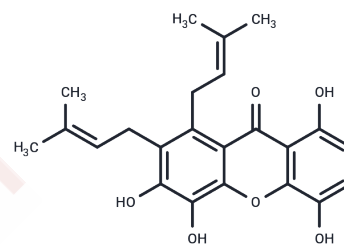


1,4,5,6-Tetrahydroxy-7,8-diprenylxanthone

Chemical Properties

CAS No. :	776325-66-7
Formula:	C ₂₃ H ₂₄ O ₆
Molecular Weight:	396.43
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	1,4,5,6-Tetrahydroxy-7,8-diprenylxanthone is an oxazolone compound isolated from <i>Garcinia xanthochymus</i> exhibiting cytotoxicity against MDA-MB-435S and A549 cells (IC ₅₀ =1.3/3.86 µg/ml).
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5225 mL	12.6126 mL	25.2251 mL
5 mM	0.5045 mL	2.5225 mL	5.045 mL
10 mM	0.2523 mL	1.2613 mL	2.5225 mL
50 mM	0.0505 mL	0.2523 mL	0.5045 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Han QB, Qiao CF, Song JZ, et al. Cytotoxic prenylated phenolic compounds from the twig bark of *Garcinia xanthochymus*. *Chem Biodivers.* 2007;4(5):940-946.

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